



491079



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D980510226

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Marblecliff Quarries Dump

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

Dublin Rd

03 CITY

Columbus

04 STATE

OH

05 ZIP CODE

06 COUNTY

Franklin

07 COUNTY

CODE

08 CONG

DIST

09 COORDINATES LATITUDE

N 39 59 58

LONGITUDE

W 83 05 00

N.W. Columbus, OH Quad. # 115 SE

10 DIRECTIONS TO SITE (Starting from nearest public road)

From Columbus take ~~U.S.~~ 33 northwest to Trabue Rd; turn left (west); turn north (right) onto Dublin Rd.; Right side, 3700 Ft North of Trabue Rd.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

Kaufman Investment Company

02 STREET (Business, making, residential)

2151 E. Dublin-Granville Road Suite B-283

03 CITY

Columbus

04 STATE

OH

05 ZIP CODE

43229

06 TELEPHONE NUMBER

(614) 899-1229

07 OPERATOR (If known and different from owner)

08 STREET (Business, making, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE☐ D. COUNTY☐ E. MUNICIPAL☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED:

MONTH DAY YEAR

☒ B. UNCONTROLLED WASTE SITE (RCRA 103 c)

DATE RECEIVED:

6/9/81

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

9/10/85 (OEA)

☐ NO

BY (Check all that apply)

☐ A. EPA☐ B. EPA CONTRACTOR☒ C. STATE☐ D. OTHER CONTRACTOR☐ E. LOCAL HEALTH OFFICIAL☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☐ A. ACTIVE☒ B. INACTIVE☐ C. UNKNOWN

03 YEARS OF OPERATION

1950

1974

BEGINNING YEAR

ENDING YEAR

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

See attached list: Attachment A

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater contamination and contamination of the Columbus surface water supply at the Dublin Road Water Treatment Plant.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☒ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspection on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

William M. Schneider

02 OF (Agency/Organization)

Ohio EPA, Div. Solid Haz. Waste Mgt.

03 TELEPHONE NUMBER

(614) 466-8934

04 PERSON RESPONSIBLE FOR ASSESSMENT

Same

05 AGENCY

06 ORGANIZATION

07 TELEPHONE NUMBER

()

08 DATE

2, 6, 86

MONTH DAY YEAR

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)	02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)	03 WASTE CHARACTERISTICS (Check all that apply)
<input checked="" type="checkbox"/> A. SOLID <input type="checkbox"/> B. POWDER, FINES <input checked="" type="checkbox"/> C. SLUDGE <input type="checkbox"/> D. OTHER _____ (Specify)	<input type="checkbox"/> E. SLURRY <input checked="" type="checkbox"/> F. LIQUID <input type="checkbox"/> G. GAS TONS <u>100</u> CUBIC YARDS _____ NO. OF DRUMS <u>UNKNOWN</u>	<input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input checked="" type="checkbox"/> D. PERSISTENT <input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> F. INFECTIOUS <input checked="" type="checkbox"/> G. FLAMMABLE <input type="checkbox"/> H. IGNITABLE <input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> K. REACTIVE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	D1 GROSS AMOUNT	D2 UNIT OF MEASURE	D3 COMMENTS
SLU	SLUDGE	UNKNOWN	UNKNOWN	
OLW	OILY WASTE	↓	↓	
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	UNKNOWN		FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Ohio EPA, CDO, DSHWM files; Franklin County Health Dept. Files,
Telephone conversations; 103 c Notifications; Soil Survey Franklin County;
"Groundwater Resources of Franklin County (1958).

DUPLICATE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH D980510226

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: NONE) ☒ POTENTIAL ☐ ALLEGED.
03 POPULATION POTENTIALLY AFFECTED: UNKNOWN 04 NARRATIVE DESCRIPTION

Most people in immediate area are on the Columbus City water system.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: NONE) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 250,144 04 NARRATIVE DESCRIPTION

Dublin Road WTP is 4.0 stream miles downstream of site

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: NONE) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 35 (Acres) 04 NARRATIVE DESCRIPTION

Represents approximate size of landfill

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: NONE) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 250,144 04 NARRATIVE DESCRIPTION

Dublin Road WTP is approximately 4.0 stream miles downstream of site

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

UNKNOWN



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D980510226

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include names of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoffs/leaking liquids/leaking drums)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

Site is unsuitable for a landfill.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

UNKNOWN

III. TOTAL POPULATION POTENTIALLY AFFECTED: 250,144

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

See sources part II.

DUPLICATE

Company Name: Kaufman Investment Company

Site Name: Marblecliff Quarries Dump

E-11

Components (or characteristics) of process waste known to have been disposed at site or present in waste:

Base solutions, with pH 10
Heavy metals & trace metals (bonded organically and inorganically)
arsenic, selenium, antimony
iron, manganese, magnesium
zinc, cadmium, copper, chromium (trivalent)
chromium (hexavalent)
lead

Organics

fungicides & intermediates
halogenated aliphatics
acrylates & latex emulsions
plastizers
resins
elastomers
solvents polar (except water)
trichloroethylene
other solvents nonpolar
solvents halogenated aliphatic
oils and oil sludges
esters and ethers
alcohols
ketones & aldehydes

Inorganics

salts
mercaptans

Misc.

paints and pigments
wastes with flash point below 100°F

List from Eckhardt
Report

KAUFMAN INVESTMENT Company

MAILING ADDRESS

2151 E. DUBLIN-GRANVILLE RD.
SUITE B283
COLUMBUS, OHIO 43229
614/899-1229

June 6, 1986

Mr. Chuck M. Taylor, Chief
Division of Solid & Hazardous Waste Management
Ohio Environmental Protection Agency
State of Ohio
P. O. Box 1049
361 East Broad Street
Columbus, Ohio 43266-1049

Re: Columbus Coated Fabrics' Marble Cliff Quarries
Disposal Site

Dear Mr. Taylor:

I am writing in response to your letter of March 20, 1986, forwarding a Preliminary Assessment Narrative and Preliminary Assessment Forms for the Columbus Coated Fabrics ("CCF") disposal site located at The Marble Cliff Quarries property in Columbus, Ohio.

We appreciate the opportunity to review and respond to the information presented in the Preliminary Assessment Narrative and Preliminary Assessment Forms. We would appreciate it if you would include this letter in your files and in any materials sent to the U.S. Environmental Protection Agency in order to make the record on the Columbus Coated Fabrics' disposal site as accurate and complete as possible.

The Preliminary Assessment Narrative contains several factual errors. A reading of the Preliminary Assessment Narrative gives the impression that there was one disposal site on the property during Kaufman Investment Company's ownership of the property which contained both sanitary landfill (residential) wastes and industrial wastes from the Columbus Coated Fabrics ("CCF") plant. That is not the case. There was a sanitary landfill on the property that was used by the City of Upper Arlington and several other suburban communities from about 1947 to 1972, but it was sited in a location different from this CCF disposal site. Therefore, we believe the reference to a 1969 inspection report by the Ohio Department of Health relating to the sanitary landfill is erroneously included in the Preliminary Assessment

RECEIVED
OHIO EPA

JUN 09 1986

DUPLICATE

ROGER H

PLEASE DRAFT
AN ACKNOWLEDGEMENT...

THANKS, [Signature]

OH D 980 570226

tested to F/T
3-25-86

DUPLICATE

Narrative. (The 1969 report applies to a different type of waste disposal operation conducted at a different time and in a different location. By 1969, the CCF waste disposal operation had been terminated for many years. We also believe that the references to other site investigations by undisclosed parties are irrelevant to consideration of the CCF site, which was not a sanitary landfill.)

The Preliminary Assessment Narrative is also in error when it states that Kaufman Investment Company was the owner of CCF prior to the time that the company was acquired by Borden, Inc. Kaufman Investment Company was never the owner of any part of CCF. CCF was an entirely separate corporation.

The Preliminary Assessment Narrative does not accurately reflect the circumstances under which the CCF disposal site was located or operated. The site for the CCF disposal site was selected because there was a mudseam in that location which made the land unsuitable for quarrying. Mudseams are common in the general area and are the result of pre-glacial drainage systems that were later filled with clay, silt and sometimes glacial debris. Mudseam materials normally are not readily penetrable by liquid percolation.

The boundaries of the clay seam in the CCF disposal site area were well known, based upon extensive core drilling done in the ordinary course of operation of the quarry, and provided the reason for not quarrying in that location. The area was avoided for quarrying operations because the horizons of stone quarried for commercial purposes were missing. Normal procedure for testing stone reserves was to drill a grid pattern of test holes to locate areas where the commercial grade stone horizons were not present. Test holes were normally drilled to a depth of 50 feet directly under all of the estimated 1.55 acres of CCF waste area. Additionally, the bottom of the CCF disposal site is located, I believe, at an elevation of not less than 760 feet. This puts the CCF disposal site well above the 100-year flood plane. Reference in the Preliminary Assessment Narrative to a gradient toward the river therefore is not appropriate as the gradient referred to is the dip of the stone beds, which, as noted, are not present in the area of the CCF disposal site.

Since the CCF waste is protected from leaching into the limestone beds by a considerable thickness of clay, we do not expect any leachate in groundwater or into the river.

The Preliminary Assessment Narrative also is in error when it suggests that waste limestone and flume sand were used in CCF's

Mr. Chuck M. Taylor, Chief
June 6, 1986
Page 3

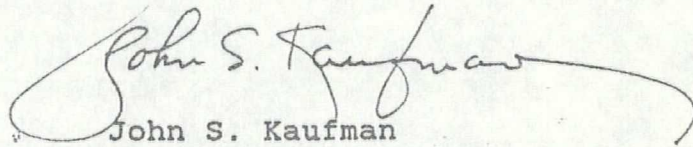
DUPLICATE

waste disposal operations. The CCF waste disposal site was operated from 1951 to 1959. There was no stone crushing plant in this area (west of Scioto River, west of Dublin Road, south of Scioto Darby and north of Trabue Road) at the time. Waste limestone or flume sand was not used in the CCF disposal site operations, as these materials were not available in the immediate vicinity. Rather, CCF's filling operation was layered and compacted with stripping (dirt and clay) as recommended in those days.

The CCF waste site was used solely by CCF. Waste material was hauled to that site by CCF trucks. By an agreement with The Marble Cliff Quarries Company, CCF (now Borden, Inc.) accepted full responsibility for any liability for the site. CCF supplied liability insurance and a bond (Buckeye Union Casualty) as security for its undertaking. A copy of an endorsement to that policy is attached. Borden purchased CCF in 1961, and agreed to "assume all of the existing liabilities of CCF except certain liabilities to its shareholders as such, and except certain type of liabilities excluded under the plan of reorganization." The liability for the CCF waste was not excluded.

Again, Kaufman Investment Company appreciates the opportunity you extended to us by your letter of March 20, 1986, to review and submit corrective information on the Preliminary Assessment Narrative and the Preliminary Assessment Forms.

Very truly yours,


John S. Kaufman
President

JSK/lmk

OHIO ENVIRONMENTAL PROTECTION AGENCY

TELEPHONE MEMORANDUM

WITH Richard Stedman, Atty. DATE 9-5-85
REPRESENTING Vorp, Sater, Segerson and Pearce TIME 10:00 A
PERMIT NO. N/A PHONE 464-6229
OEPA STAFF Bill Schreck
SUBJECT Marble Cliff Quarry Dump

NOTES & SUMMARY:

FOLLOW-UP DATE _____

- Call Kaufman for site access
- site is part of leased land parcel.
- No map available probably.
- Kaufman owned property between 1950 - 1969.
- Arthur Bellasari probably MCQ employee.
- Probably should send copy of P.A. to Borden/Kaufman/Stedman.
- gave me John Kaufman Investment Co. ^{New} Phone # 897-1229

Westerville
P.O. Building Company

Signature

